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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Kazutoshi YASUNAGA et al. Confirmation No. : 8124  
Appl. No. : 10/614,834 Examiner : A. A. Armstrong  
Filed : July 9, 2003 Group Art Unit : 2626  
For : SPEECH CODER AND SPEECH DECODER

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and §§1.97-1.98, and supplemental to the Information Disclosure Statements previously filed, Applicants hereby bring to the attention of the Examiner three Korean Office Actions dated October 18, 2007 issued in patent family members

- (a) Korean Patent Application No. 10-2007-7016451,
- (b) Korean Patent Application No. 10-2007-7016452, and
- (c) Korean Patent Application No. 10-2007-7016453.

Applicants also hereby bring to the attention of the Examiner, the following documents:

- (1) Japanese Patent Publication No. JP 1997-160596 A, which was cited in the Korean Office Action dated October 18, 2007 issued in (a) Korean Patent Application No. 10-2007-7016451;

(2) ATAL et al., "Advances in Speech Coding", pages 138-139, 145-147, 160-161, 172-173, 180-181 and 192-195 (1991), which was cited in the Korean Office Actions dated October 18, 2007 issued in (b) Korean Patent Application No. 10-2007-7016452 and (c) Korean Patent Application No. 10-2007-7016453;

(3) LEE, "Study for QCELP Algorithm Performance", pages 33-36, (12/93), which was cited in the Korean Office Action dated October 18, 2007 issued in (a) Korean Patent Application No. 10-2007-7016451; and

(4) LEE, "Study for QCELP Algorithm Performance", pages 25-26 and 33, (12/93), which was cited in the Korean Office Action dated October 18, 2007 issued in (b) Korean Patent Application No. 10-2007-7016452.

Applicants note that above-noted document (1) was cited in the Information Disclosure Statement filed on October 9, 2003, and thus, a copy of this document is not enclosed herewith.

Applicants respectfully request that the Examiner consider the above material and cite the same. Copies of the above-noted parts of documents (2) and (3)-(4), as well as an English language translation of the above-noted parts of documents (3)-(4) are attached hereto, and all of the documents are listed on an attached PTO-1449 Form. English language translations of the three Korean Office Actions are also attached hereto. The Examiner is requested to initial the appropriate spaces on the attached Form and to return a copy of the completed Form to Applicants with the next official communication in the present application.

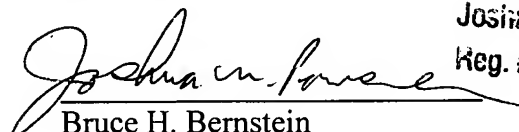
Since this Supplemental Information Disclosure Statement is being submitted subsequent to the issuance of a Notice of Allowance, Applicants have included payment to cover the fee set forth in 37 C.F.R. §1.17 (p). In accordance with 37 C.F.R. §1.97(d), Applicants also hereby certify that each item of information contained in the Information Disclosure Statement (i.e.,

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above-noted documents (2) and (3)-(4)) was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully Submitted,  
Kazutoshi YASUNAGA et al.

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January 4, 2008  
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